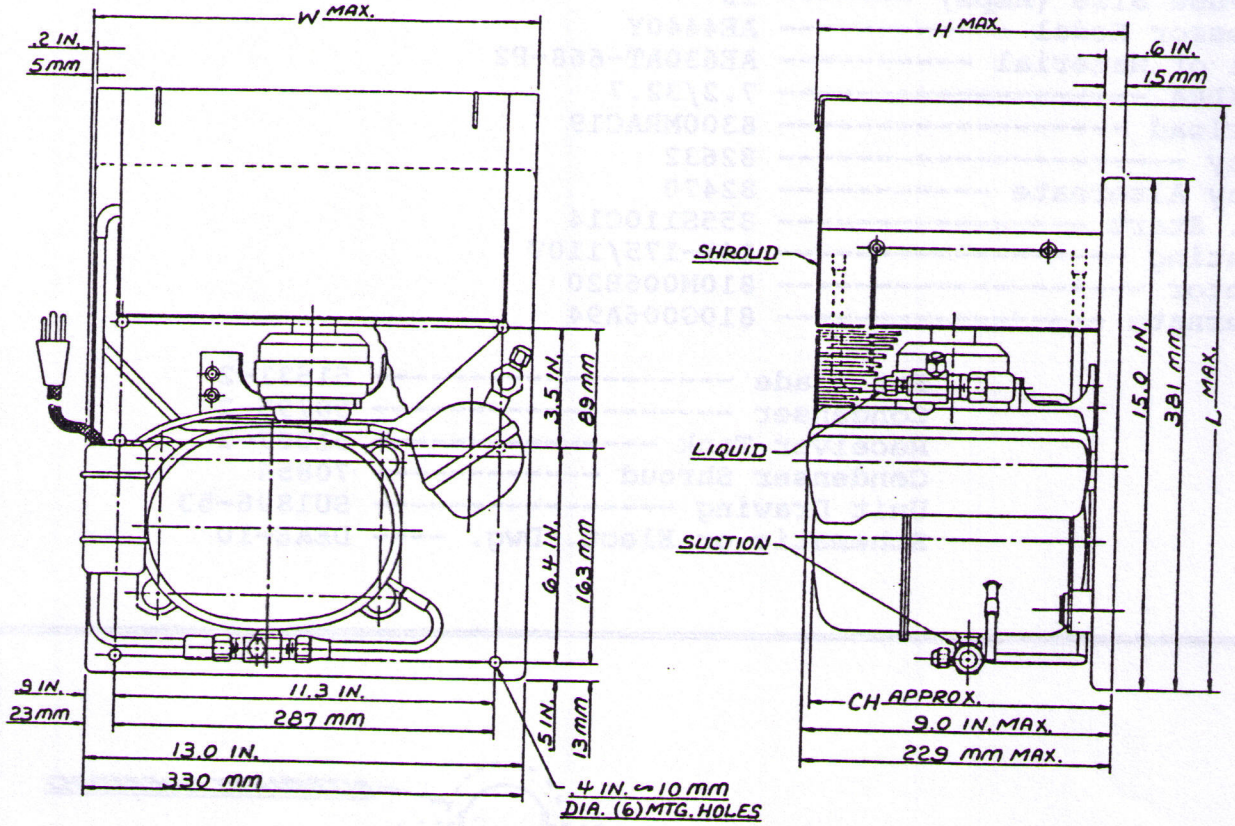
# TECUMSEH HERMETIC CONDENSING UNITS



**MODEL AE4440YB (115-60-1)** **R134a** **1/3 HP** **AIR COOLED**




| Model | Dimensions | | | | *Line Connections | | Pumpdown 90°F 90% Full | Air CFM | Oil Chg oz. | Gross Wt. Lbs. |
|---|---|---|---|---|---|---|---|---|---|---|
| | L | W | H | CH | Suction | Liquid | | | | |
| AE4440YB | 17.2 | 13.2 | 9.0 | 8.9 | 3/8 F | 1/4 F | 3.2# | 220 | 10 | 51 |

*F=Flare, S=Solder, RF or RS = Rotolock Valve with Flare or Solder Connections

Factory Charge: 20 psig nitrogen - MUST BE EVACUATED

| Approved Evap. Range | | Ambient | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 90°F | | | 100°F | | | 110°F | | |
| °F | PSIG | BTUH | Watts | Head | BTUH | Watts | Head | BTUH | Watts | Head |
| +20 | 18.4 | 2300 | 480 | 155 | 2100 | 490 | 175 | 1920 | 500 | 195 |
| 25 | 22.1 | 2530 | 515 | 165 | 2300 | 525 | 185 | 2120 | 535 | 205 |
| 30 | 26.0 | 2780 | 550 | 170 | 2540 | 560 | 190 | 2320 | 565 | 210 |
| 35 | 30.3 | 3050 | 585 | 180 | 2780 | 600 | 200 | 2550 | 615 | 225 |
| 40 | 35.0 | 3340 | 625 | 190 | 3050 | 640 | 210 | 2780 | 660 | 235 |
| 45 | 40.0 | 3630 | 665 | 200 | 3320 | 685 | 220 | 3040 | 705 | 245 |
| 50 | 45.3 | 3940 | 710 | 210 | 3700 | 730 | 230 | 3300 | 750 | 255 |
| 55 | 51.1 | 4250 | 750 | 220 | 3880 | 775 | 240 | 3570 | 795 | 270 |

65°F return gas temp., 5°F subcooling

# Model AE4440YB

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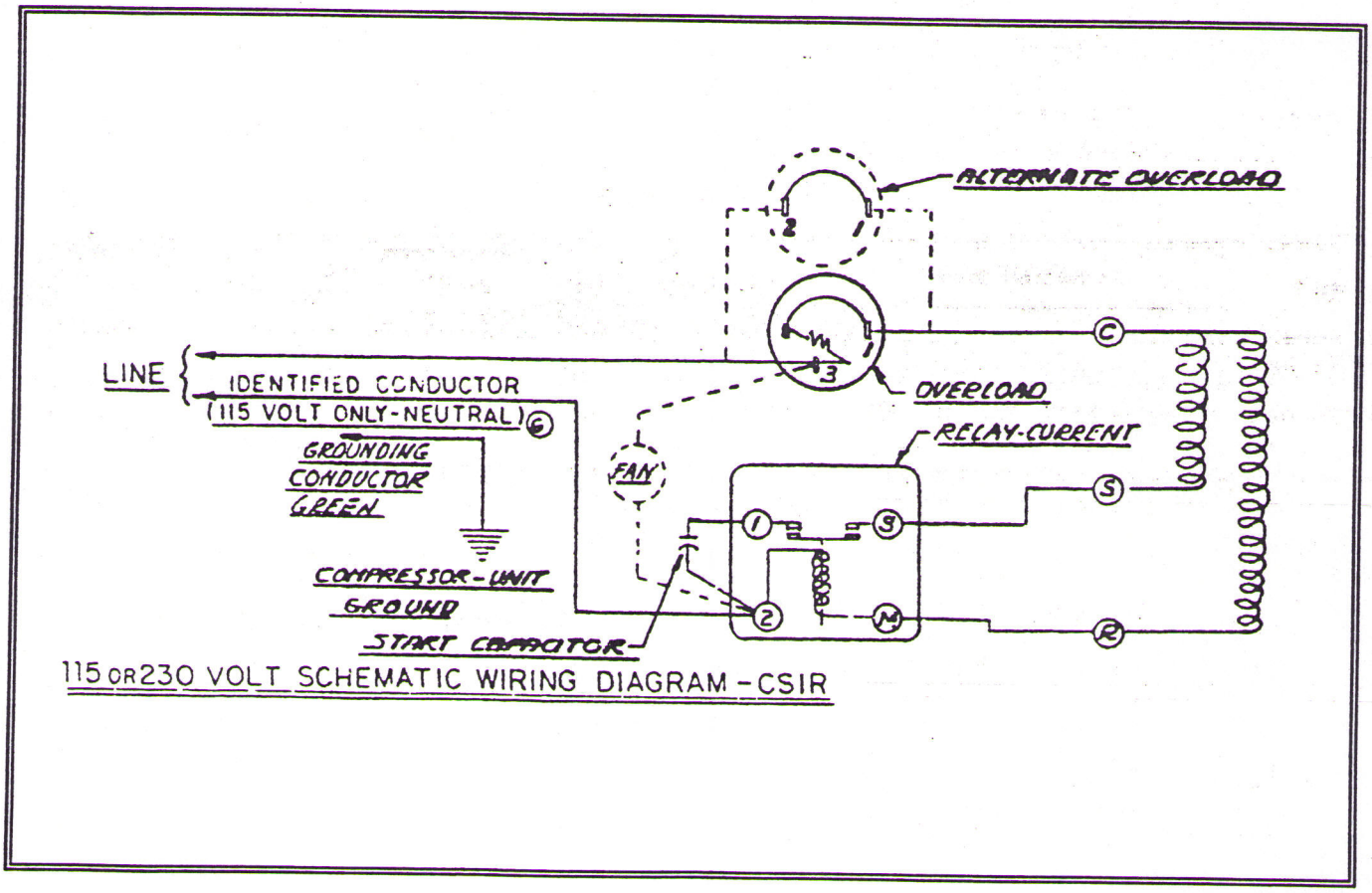
SPECIFICATIONS

| | |
|---|---|
| Nominal Voltage | 115-60-1 |
| Unit Bill of Material | 2C372-1 |
| Voltage Range | 126.5 to 103.5 |
| Minimum Circuit Ampacity | 9.4 |
| Max. Fuse Size (Amps) | 15 |
| Compressor Model | AE4440Y |
| Bill of Material | AE630AT-668-P2 |
| RLA/LRA | 7.2/32.7 |
| Overload | 8300MRAC19 |
| Relay | 82632 |
| Relay Alternate | 82470 |
| Cap. Start | 855S110C14 |
| Rating | 145-175/110V |
| Fan Motor | 810M006B20 |
| Alternate | 810G006A94 |

| | |
|---|---|
| Fan Blade | 51531-2 |
| Condenser | 50795-2 |
| Receiver Tank | 51067-2 |
| Condenser Shroud | 70854 |
| Unit Drawing | SU1896-53 |
| Schematic or Elect. Dwg. | DEAE-10 |



115 OR 230 VOLT SCHEMATIC WIRING DIAGRAM - CSIR

U.L. Recognized ---------- File #SA2372 ---------- Card Guide #SGYU
CSA Certified ---------- Canadian File #12964C ---------- USA File #8873C